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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/705,445 |
| | Filing Date | November 11, 2003 |
| | First Named Inventor | Michael A. Heaton |
| | Art Unit | 2882 |
| | Examiner Name | D.V. Bruce |
| Total Number of Pages in This Submission | Attorney Docket Number | 12078-202 |

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| Printed name | Orlando Lopez | |
| Date | July 19, 2005 | Reg. No. 46,880 |

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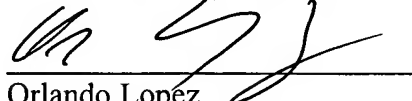
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Attorney Docket No. 12078-202
Serial No. 10/705,445
Response to Office Action dtd. 5/20/05

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Orlando Lopez
Reg. No. 46,880

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael A. Heaton, et al.

Examiner: D. V. Bruce

Serial No: 10/705,445

For: DETECTION METHODS AND SYSTEM USING SEQUENCED
TECHNOLOGIES

Confirmation: 4593

Group Art Unit: 2882

Filed: November 11, 2003

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TO: Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450,
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RESPONSE /AMENDMENT

Sir:

In reply to the Office Action dated May 20, 2005, which closed prosecution as to the merits under *Ex parte Quayle*, Applicants submit the following response to correct formal matters.

Amendments to the abstract begin on page 2.

Remarks begin on page 3.